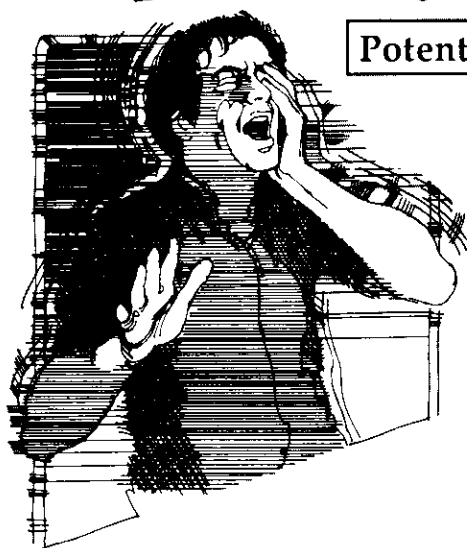


# What IS Anhydrous Ammonia?

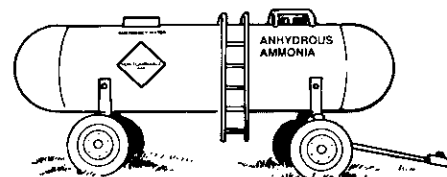
Anhydrous means "without water." Because  $\text{NH}_3$  CONTAINS NO WATER, it is attracted to any form of moisture. *If exposed to  $\text{NH}_3$  - immediately flush the exposed body area(s) with water for at least 15 minutes. Seek medical attention immediately after emergency first aid treatment.*

## Don't Be Blind To The Dangers of Anhydrous Ammonia



### Potential Health Hazards:

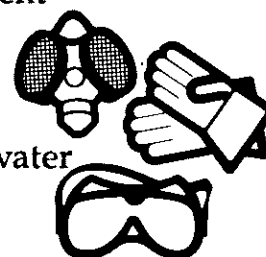
Blindness  
Lung Damage  
Burns  
Death



## CHECK THIS OUT

Wear personal protective equipment

Always have an ample water supply



Inspect and replace hoses and valves as needed

Never fill a tank over 85 percent of capacity

Bleed off hose pressure before disconnecting

Stay clear of hose and valve openings

Follow regulations when using equipment



Have qualified technician repair tank

Use proper hitch, safety chains and Slow Moving Vehicle sign when towing.

## Equipment Safety

Equipment should:

- be additives compatible
- meet NH<sub>3</sub> codes and standards

Any equipment replacement MUST be made "IN KIND"

- same materials of construction
- same specifications

Nurse tank cutting or welding is only to be done by certified welder with R-stamp or U-stamp, or equivalent...if baffle is detached...remove tank from service.

Extra caution is needed when using additives in fill valves to minimize corrosion:

- flush with additive-free ammonia, or
- add small amount of lubricating oil after additive.

## VEHICLE TOWING

Towing vehicles should be of adequate size to handle loaded trailer.

Each towed trailer should have two (2) safety chains attached...adequately sized and criss-crossed to support the tongue.

Securely locked hitch pins designed for service.

# WATER WATER WATER

A 5 gallon container of clean and easily accessible water must be mounted to the nurse tank.

Have multiple sources of water nearby.

This bulletin was produced at the University of Missouri - Columbia in coordination with the National Institute for Occupational Safety and Health, Centers for Disease Control.

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This is only a synopsis of anhydrous ammonia safety information. For detailed information, contact your local Cooperative Extension office or agrichemical dealer.